

2015 ST. MARYS & VALORIE STREET RECONSTRUCTION
CONTRACT NO. 2

January 20, 2015



BID NO. 3677

**2015 ST. MARYS & VALORIE STREET RECONSTRUCTION
CONTRACT NO. 2**

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2015 ST. MARYS & VALORIE STREET RECONSTRUCTION

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THE AGREEMENT

THIS AGREEMENT, made the _____ day of _____ A.D., 2015 by and between _____ hereinafter called the "CONTRACTOR" and the CITY OF MIDLAND, MICHIGAN hereinafter called the "OWNER".

WITNESSETH, that the Contractor and the Owner, for the consideration hereinafter named, agree as follows:

1. It is agreed that the Contractor shall furnish all the material, labor and equipment and perform all the work shown on the drawings and described in the Specifications and as required by the Contract Documents entitled "2015 ST. MARYS & VALORIE STREET RECONSTRUCTION; CONTRACT NO. 2" The Contract Documents hereby defined to include the Agreement, Bonds, Plans and Specifications and any supplements thereto agreed to by both parties.
2. It is agreed that the Owner shall pay the Contractor for his work upon completion in accordance with the attached Specifications and at the unit prices set forth in the attached Proposal, both of which are hereby made part of this Contract.

IN WITNESS WHEREOF, the parties set their hands and seals the day and year first above written.

WITNESSES

CITY OF MIDLAND

BY: _____

Maureen Donker, Mayor

BY: _____

Selina Tisdale, City Clerk

CONTRACTOR

BY: _____

ADDRESS: _____

2015 ST. MARYS & VALORIE STREET RECONSTRUCTION

CONTRACT NO. 2

CITY OF MIDLAND, MICHIGAN

PROPOSAL

TO: THE HONORABLE MAYOR AND CITY COUNCIL

Dear Members of the Council:

The Undersigned has examined the plans, specifications and locations of the work described herein and is fully informed as to the nature of the work and conditions relating to its performance and understands that the quantities shown are approximate only and are subject to either increase or decrease.

The Undersigned hereby proposes to furnish all the necessary machinery, tools, apparatus and other means of construction, do all the work, furnish all materials except as otherwise specified herein, and, for the unit prices names in the Itemized Bid, to complete the work herein described in strict accordance with the plans therefore and in strict conformity with provisions and supplemental specifications as may be a part of this Proposal. The Undersigned further proposes to do such extra work as may be authorized by the City, prices for which are not included in the Itemized Bid. Compensation shall be made on the basis agreed upon before such extra work is begun.

The Undersigned hereby notes receipt of Addendum No's. _____.

- ☐ The Undersigned hereby acknowledges the completion of the enclosed Contractor Safety Qualification Statement on page 7 of these documents. (place an "X" in this box)

The Undersigned encloses a certified check or bid bond in the amount of _____ Dollars.

(\$ _____), to the City Treasurer, as required in the specifications as a guarantee of good faith. If the Undersigned is the successful bidder and fails to enter into a contract or to furnish satisfactory bonds to the City of Midland, Michigan within fifteen (15) days after being furnished with necessary Contract and Bond forms, said check or bid bond shall be forfeited to the City of Midland as liquidated damages. It is understood that the checks or bid bonds of the three lowest bidders will not be returned until the Contract has been executed, and that the Proposal guarantee of all except the three lowest bidders will be promptly returned.

In submitting this Proposal, it is understood that the City reserves the right to accept or reject any or all Proposals, to waive irregularities or defects in any and all Proposals and may accept other than low bid when deemed in the City's best interest.

FIRM: _____

BY: _____
(signature)

ADDRESS: _____

City of Midland
Contractor Safety Qualification Statement

Description of work or job name: 2015 ST. MARYS & VALORIE STREET RECONSTRUCTION, CONTRACT NO. 2

Contract Company: _____ Owner/CEO: _____ Phone: _____

Safety Officer: _____ Title: _____ Phone: _____

Contractor experience modification rate (EMR): _____ OSHA Recordable Injury Incident Rate (past year): _____

We have received a written copy of and agree to follow the requirements of the City of Midland's "Contractor Safety Program:"

Yes ☐ No ☐ Comments: _____

We have an active written safety program which will be provided to City representatives upon request.

Yes ☐ No ☐ Comments: _____

We understand the essential requirements of the following applicable safety regulations and agree to make a good faith effort to follow them. We further certify that these applicable regulations are readily accessible to employees:

	Yes	N/A		Yes	N/A
a. Use of reflective safety vests	<input type="checkbox"/>	<input type="checkbox"/>	h. Welding and cutting	<input type="checkbox"/>	<input type="checkbox"/>
b. Confined space entry	<input type="checkbox"/>	<input type="checkbox"/>	i. Hazard communication ("right-to-know")	<input type="checkbox"/>	<input type="checkbox"/>
c. Control of hazardous energy	<input type="checkbox"/>	<input type="checkbox"/>	j. Alcohol and drug use	<input type="checkbox"/>	<input type="checkbox"/>
d. Elevated work	<input type="checkbox"/>	<input type="checkbox"/>	k. Bloodborne pathogens	<input type="checkbox"/>	<input type="checkbox"/>
e. Excavations, trenches & shoring	<input type="checkbox"/>	<input type="checkbox"/>	l. Respiratory protection	<input type="checkbox"/>	<input type="checkbox"/>
f. Personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>	m. Other applicable regulations:		
g. Work area protection and traffic control	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
			_____	<input type="checkbox"/>	<input type="checkbox"/>

Project-specific concerns of applicable safety regulations and safety control measures will be discussed and documented at the pre-project meeting with City representatives.

Important! The City reserves the right to request verification, in writing, of the contractor's current safety program, training and certification records, and emergency response plans as applicable to the work being done.

Other comments: _____

We attest that the above information is true to the best of our knowledge and can be substantiated if requested.

Contract Representative: _____

Title: _____ Date: _____

MI Contractor's License No. (if applicable): _____

Received by:

Contracting Dept.: _____

Name: _____ Date: _____

Original to: Contracting Department
Copy to: Contractor

Contractor Project Safety Plan

To be completed at pre-project meeting along with City contract representative.

Project name: 2015 St. MARYS & VALORIE ST. RECONST.; CONTRACT NO. 2

Date: _____

***Safety Concerns of the Job** (check all that apply)

1. <input type="checkbox"/> Traffic control* 2. <input type="checkbox"/> Hazardous energy 3. <input type="checkbox"/> Excessive noise 4. <input type="checkbox"/> Hazardous chemicals 5. <input type="checkbox"/> Falling objects 6. <input type="checkbox"/> Confined space 7. <input type="checkbox"/> Elevated work 8. <input type="checkbox"/> Respiratory hazards	9. <input type="checkbox"/> Welding and cutting 10. <input type="checkbox"/> Bloodborne infectious diseases 11. <input type="checkbox"/> Chemical exposures** 12. <input type="checkbox"/> Trenching/excavations 13. <input type="checkbox"/> Eye hazards 14. <input type="checkbox"/> Foot hazards 15. <input type="checkbox"/> Hand hazards 16. <input type="checkbox"/> Other: _____
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* Must attach traffic control plan

** Must have copies of MSDSs for all hazardous chemicals on-site.

[illegible]

**2015 ST. MARYS & VALORIE STREET RECONSTRUCTION
CONTRACT NO. 2**

CITY OF MIDLAND, MICHIGAN

ADVERTISEMENT

NOTICE TO CONTRACTORS:

Sealed bids on the “2015 ST. MARYS & VALORIE STREET RECONSTRUCTION; CONTRACT NO. 2”, will be received in the office of the City Clerk, in the City Hall, 333 West Ellsworth Street, Midland, Michigan 48640 until 2:00 p.m., January 20, 2015, after which time no further bids will be received. All bids will be publicly opened and read at this time and place. Bids will be tabulated and a contract may be awarded at a later City Council meeting.

CONTRACT NO. 2 is for the reconstruction of St. Marys Drive from Valorie Lane to Drake Street and Valorie Lane from St. Marys Drive to Drake Street. Some of the quantities listed in the Itemized Bid are as follows:

9450 S.Yd.	Crushing & Shaping Asphalt Pavement
1700 Tons	Bituminous Pavement
6520 L.Ft.	Remove & Replace Curb & Gutter
17,750 S.Ft.	5” Reinf. Concrete Drive & Ramp
800 S.Ft.	4” Concrete Sidewalk

The Proposal, Contract Forms, Plans and Specifications may be examined and obtained at the office of the Purchasing Agent, City Hall, Midland, Michigan OR at the City of Midland Website at www.cityofmidlandmi.gov on the purchasing page.

A certified check or bid bond for a sum of not less than five percent (5%) of the amount of the Proposal will be required with each bid.

The City reserves the right to accept or reject any or all bids, to waive irregularities or defects, and may accept other than the low bid when deemed in the City’s best interest.

Selina Tisdale, City Clerk
Midland, Michigan

BID NO. 3677

CITY OF MIDLAND ENGINEERING DEPARTMENT					
2015 ST. MARYS & VALORIE STREET RECONSTRUCTION; CONTRACT NO. 2					
ITEMIZED BID					
NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	M.H. Casting EJ 1040 A	Each	10		
2	M.H. Casting EJ 1040 AGS	Each	9		
3	C.B. Casting E.J. 7000 M	Each	18		
4	Sidewalk Ramp Warning Plate (24 x 48")	Each	10		
5	8" Catch Basin Lead (SDR-35)	L.Ft.	160		
6	36" Dia. Catch Basin	V.Ft.	10		
7	Regrade Drainage Structure	Each	19		
8	Reconstruct Drainage Structure	V.Ft.	20		
9	Remove Drainage Structure	Each	2		
10	Remove Concrete Curb & Gutter	L.Ft.	6520		
11	Remove Conc. Walks & Drives	S.Yd.	1500		
12	Remove Bituminous Driveway	S.Yd.	35		
13	Remove Existing Pipe	L.Ft.	160		
14	Excavation for Sidewalk Ramps	C.Yd.	60		
15	Sub-Grade Undercut	C.Yd.	50		
16	Saw-Cutting Bit. Pavement	L.Ft.	250		
17	Crushing & Shaping Asphalt	S.Yd.	9450		
18	Aggregate Removal	S.Yd.	9450		
19	Brine Stabilization	Gal.	6330		
20	5" Reinf. Conc. Curb & Gutter	L.Ft.	6520		
21	5" Reinf. Concrete Sidewalk Ramp	S.Ft.	600		
22	5" Reinf. Concrete Drive	S.Ft.	11750		
23	4" Concrete Sidewalk	S.Ft.	800		
24	5" Gravel Driveway	S.Yd.	35		
25	Fine Grading	L.Ft.	3260		
26	Bit. Level Course Mix #3	Ton	850		
27	Bit. Top Course Mix #2 - Street	Ton	850		
28	Bit. Top Course Mix #2 - Driveways	Ton	10		
29	4" Outlawn	S.Yd.	6500		
30	Hydroseeding	S.Yd.	6500		
31	Traffic Control	L.Sum	1		
32	Dust Control	Gal.	1450		
33	Catch Basin Sedimentation Bags	Each	20		
				TOTAL BID	

**2015 ST. MARYS & VALORIE STREET RECONSTRUCTION
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LIST OF SUBCONTRACTORS

NOTE: THIS SHEET MUST CONTAIN ALL SUBCONTRACTORS WHO WILL PERFORM OVER \$5,000 WORTH OF WORK ON THIS CONTRACT. NON-SUBMITTAL OF THIS INFORMATION MAY CONSTITUTE AN INCOMPLETE BID AND MAY BE GROUNDS FOR DISQUALIFICATION.

[illegible]

CONTRACTOR

**2015 ST. MARYS & VALORIE STREET RECONSTRUCTION
CONTRACT NO. 2**

SPECIAL PROVISIONS

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SCOPE OF WORK:

This project consists of reconstruction and resurfacing of St. Marys Drive from Valorie Lane to Drake Street and Valorie Lane from St. Marys Drive to Drake Street. This project will include removal and replacement of all the curb on the street within the project limits. All curb and driveway replacements shall be completed on one side of the street before beginning removals on the other side of the street. The roadway reconstruction shall consist of removal and replacement of all concrete curb and gutter and drive approaches from the curb to the sidewalk, followed by crushing, mixing and shaping of the existing bituminous pavement courses with the existing aggregate base to a depth of at least eight inches (8") from the top of the existing pavement surface. Following the crushing operation, approximately 3" of aggregate mixture shall be removed and an application of 38% Calcium Chloride solution shall be applied at the rate of 0.50 gallons per square yard. Following brine application, the street shall be crushed again to mix the brine into the aggregate surface to a depth of six inches (6"). The street shall then be graded and compacted and an application of Calcium Chloride shall be applied at a rate of 0.17 gallons per square yard applied to the surface and cured for a sufficient time as determined by the Engineer. Following curing of the surface treatment of Calcium Chloride, the street shall receive 1-1/2" of Bituminous Leveling Course and 1-1/2" of Bituminous Top Course. This work shall also include regrading and replacement of all manhole castings and catch basin castings affected by curb replacement. The existing castings shall be removed prior to crushing the pavement and replaced following placement of the levelling course. Concrete driveways and sidewalk ramps shall be replaced with a 5" reinforced concrete surface and bituminous drives shall be replaced with a 5" aggregate base and 2" of bituminous top course.

PROGRESS SCHEDULE:

The bidder is directed to the provisions of Section 1.03.02 which shall be a prior condition to the execution of the Contract.

Prior to the beginning of work, the successful bidder, along with representatives of the City, Consumers Energy and A.T. & T. shall meet at a mutually agreeable time to discuss coordination of schedules in order that the successful bidder may comply with the requirements of Section 1.03.02 of the General Conditions.

The entire project shall be completed on or before June 30, 2015. See "Project Inspection" below for costs of project inspection beyond this completion date.

PROJECT INSPECTION:

The City of Midland will be overseeing and inspecting this project. The City will schedule personnel to complete the inspection services during the Contract progress schedule shown above at 50 hours per week. If the Contractor and/or Sub-Contractors work more than 50 hours per week, inspection services will be charged against the Contractor at a rate of \$90 per hour. All inspection hours required after the completion date shown above, the Contractor will be charged \$60 per hour up to 40 hours in one week and then the rate will be increased to \$90 per hour to cover overtime charges. The amount of the extra inspection charges above the 50 hours per week and any inspection required after the completion date will be deducted from the Contractors payment.

PAYMENT:

The Contractor's attention is directed to Section 1.09.07 for provisions pertaining to progress payments under this Contract.

CATCH BASIN LEAD REPLACEMENT:

The price bid per lineal foot of 8" Catch Basin Lead and Sanitary Lateral shall include excavating to the sewer and removal and saw-cutting (if needed) of existing pipes and all bends and fittings (fernco) required to reconnect the new sewer pipes to the existing pipe, manhole or catch basin and all sand backfill and compaction. The Contractor shall be responsible for maintaining flow in the sewers. Following pipe installation and backfill, the trench areas shall be graded to accept 6" Aggregate Base Course to the level of the existing pavement.

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SPECIAL PROVISIONS

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TRAFFIC REQUIREMENTS:

All Streets affected by this Contract shall remain open to local traffic and closed for thru traffic during the completion of this project. All signing and barricades within the project limits shall be the responsibility of the Contractor and shall conform to the requirements for construction signing in the current edition of the Michigan Manual of Uniform Traffic Control Devices. Street closures shall be the responsibility of the Contractor. The Contractor shall submit a traffic control plan at the pre-construction conference for approval by the Engineer. A recommended traffic control plan is included herein. No work shall commence until proper signing and barricading is in place and verified by the Engineer.

The Contractor shall be responsible for furnishing, installing and maintaining all traffic control signs.

5" REINFORCED CONCRETE SIDEWALK RAMPS:

The price bid per square foot of " 5" Reinforced Concrete Sidewalk Ramps" shall include the cost of minor excavation to achieve the desired grade and constructing the sidewalk ramps to a depth of 5" with steel 6"x 6" 10 Gauge woven wire mesh reinforcement.

All ramps shall receive Armor-Tile Tactile Systems Vitrified Polymer Composite replaceable cast in place detectable warning plates as shown on the detail sheet contained herein. The warning plates shall be 24" x 48" Colonial Red in color. These shall be installed as per the manufacturers recommendations. These shall be paid for at the unit price bid per each 24" x 48" "Sidewalk Ramp Warning Plate".

CRUSHING & SHAPING ASPHALT PAVEMENT:

The bid item of "Crushing & Shaping Asphalt Pavement" shall consist of crushing, mixing and shaping of the existing bituminous pavement courses with the existing aggregate base to a depth of at least eight inches (8") in depth from the top of the existing pavement surface. This shall also include crushing again following sewer repairs and concrete flat work. Following the second crushing, the brine stabilization shall be added and crushed and mixed again. Crushing, mixing and shaping shall be completed in accordance with Michigan Department of Transportation (M.D.O.T.) Standard Specifications, Section 305, "Bituminous Base Crushing and Shaping". Equipment used for crushing shall be in conformance with M.D.O.T. Standard Specification Section 305.

BRINE STABILIZATION:

The price bid per gallon of "Brine Stabilization" shall consist of the application of a 38% Calcium Chloride solution at a rate of 0.50 gallons per square yard following aggregate removal. The aggregate and brine shall then be mixed using the same device used for the crushing and shaping operation. Following final grading and compaction, a 38% Calcium Chloride solution shall be placed over the entire street area at a rate of 0.17 gallons per square yard. The Contractor shall work closely with the Engineer so as to determine that proper curing of the brine solution has occurred prior to placement of asphalt leveling course.

BACKFILL:

Clean sand shall be used for backfill in all Water Main, Sanitary Sewer, Storm Sewer, Catch Basin Lead and Manhole trenches. The price for sand backfill shall be considered incidental to the unit price bid per lineal foot of pipe and manhole or catch basin installation.

DISPOSAL OF MATERIALS:

All excess excavation and pavement material that will not be used on this project, shall be disposed of by the Contractor. Disposal, including any applicable landfill use fees, of all removal items and excess excavation shall be the Contractor's responsibility.

BITUMINOUS PAVEMENT SPECIFICATIONS:

Marshall Stability design method, but the Contractor should note that the specifications do not necessarily copy those of MDOT and that the Master Design Mix (Table 1) defines the mix specified on the plans or on the Itemized Bid sheet. The provisions for penalties exist for bituminous mixes exceeding the tolerance limits permitted by the specifications.

**2015 ST. MARYS & VALORIE STREET RECONSTRUCTION
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SPECIAL PROVISIONS

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TEMPORARY ROADWAYS AND DRIVEWAYS:

The Contractor shall maintain a temporary roadway and driveway surfaces to homes affected by this project. This shall be accomplished by the placement of aggregate material sufficient to carry traffic on a temporary basis. This will cause minimal disruption for residents during construction. The Contractor is required to maintain the temporary roadway and driveways in a serviceable condition until the final road and driveway reconstruction is complete. The cost for this work is incidental to this project.

DRAINAGE STRUCTURE REGRADES:

Existing castings shall be salvaged and re-used on this project. The bid item for each "Regrade Drainage Structure" shall include adjusting the top of the masonry structure to the finished grade, with casting installed. The method for regrading shall include the placement of precast reinforced concrete adjusting rings in accord with ASTM C-478. Brick will not be allowed for regrades. The casting and all adjusting rings and 6" of the original structure shall be covered with a mastic patching and surfacing compound material at a thickness of 1/8TH inch. The mastic material shall be Tremco Inc. TREM proof 250 GC-R or approved equal. Prior to the mastic setting-up, a minimum of an 18" wide piece of external pipe joint material meeting Mirafi 140 shall be wrapped around the circumference of the structure and shall overlap at least 6" installed around the top of the structure and casting to seal the joint from water entering the sewer system. The structure shall be cleaned thoroughly prior to placing the mastic material. All Manhole castings and all Catch Basin Castings affected by curb replacement shall be removed and replaced with new castings. The cost for each "Regrade Drainage Structure" shall also include replacement of 6" Aggregate Base Course (22A crushed limestone) and 2" of Bituminous Leveling Course to the level of the bottom of the new wearing course. Regrades shall not be paid for new structures.

RESTORATION:

All landscaping and outlaws shall be restored to a condition equal to or better than prior to construction. Any areas disturbed by the Contractor's operations shall be backfilled, covered with 4" of topsoil, neatly graded, prepared as described in Section 6.53.03 (Outlawn) of these Specifications, and hydroseeded. A GRADE INSPECTION SHALL BE PERFORMED AND APPROVED BY THE FIELD ENGINEER PRIOR TO PLACEMENT OF ANY HYDROSEED.

CONCRETE CURB & GUTTER INSTALLATION:

The price bid per lineal foot of "Remove Concrete Curb & Gutter" shall include the cost of removing any bituminous pavement next to the curb required for the installation of forms for the construction of the new curbs and placement of a temporary aggregate base to allow access to driveways.

DUST CONTROL:

Dust control shall be accomplished by the placement of 38% calcium chloride solution on the roadway at a rate to be determined by the Engineer. Clean water shall be used for dust control on all lawn areas.

SUBGRADE UNDERCUT:

The price bid per cubic yard of Sub-grade Undercut Excavation shall include excavation of unsuitable roadway sub-base material as determined by the Engineer and replacement with Class II sand and replacement of the aggregate base with crushed pavement material.

road and driveway reconstruction is complete. The cost for this work is incidental to this project.

SAW CUTTING PAVEMENT:

The price bid per lineal foot of "Saw-Cut Pavement" shall include the full depth saw cutting of the existing roadway pavement. All saw cutting of concrete curb, sidewalks & driveways shall be included in the unit price bid for removal of those items.

BUTT JOINTS FOR BITUMINOUS PAVING:

Butt joints shall be saw cut into the existing asphalt pavement to provide a neat ending joint for the new pavement and to eliminate the need for feathering the new asphalt surface. The cost of making the butt joints shall be paid for at the unit price bid for saw-cutting pavement.

**2015 ST. MARYS & VALORIE STREET RECONSTRUCTION
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SPECIAL PROVISIONS

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FIRST AID TRAINING:

The Contractor shall have a person on site at all times that has a valid certificate in first aid training. The certificate shall be from the American Red Cross or equivalent training program. A first aid kit shall be provided at the job site and shall be inspected weekly to assure that used items are replaced. This is a requirement of MIOSHA Rule 132.

SOIL EROSION AND SEDIMENTATION CONTROL:

The Contractor shall conduct his operations so as to minimize soil erosion and sedimentation into surface water courses and storm sewers. The Contractor shall be responsible for installing all of the soil erosion control measures shown on the plans and in accordance with the details shown herein and on the plans. The Contractor is responsible for all SESC within the work influence area and adjacent to and/or downstream from any work zone track out. The Soil Erosion and Sedimentation Permit has been obtained by the City of Midland Engineering Department for this project. The Contractor shall install sedimentation bags in all catch basins within the project work area. The lump sum price bid for each "catch basin sedimentation bags" shall include the furnishing, installation and maintenance of sediment trapping bags installed inside the catch basins at the locations shown on the plans and shall be "Siltsack" or approved equal.

All aggregate, sand and soil stockpiles created by the Contractor for the completion of this project shall be surrounded with silt fence to eliminate the possibility of erosion and the cost thereof shall be the responsibility of the Contractor. Unit prices for soil erosion control measures shall also include the removal of all SESC measures following construction and when final turf has been established.

CONFINED SPACE ENTRY CONTRACTOR OBLIGATIONS:

The City of Midland is in compliance with Occupational Safety and Health Standard, Part 1910, regarding permit-required confined space entry. A copy of the City of Midland Master Plan for Permit-Required Confined Space Entry can be obtained from the City Personnel Department in City Hall, 333 W. Ellsworth Street.

All contractors or sub-contractors conducting permit-required confined space entry shall have a written permit-required program meeting requirements of 29 CFR 1910.46 and shall provide written proof of that program with the bid documents. Contractors shall comply with the requirements of Part 1910 and all other State and Federal laws concerning confined space entry at all times.

SAFETY:

The Contractor shall be responsible for complying with all current laws and regulations pertaining to Manhole (Confined Space) Entry, Trenching & Shoring, Workzone Traffic Control, Personal Protective Clothing, etc. as outlined in the Contractor Safety Qualification Statement. Prior to commencement of work, the Contractor shall provide copies of their safety policy and manual and those for all subcontractors for information and reference. Indicate name and position of company safety officer and dates of regular safety meetings.

MICHIGAN RIGHT TO KNOW LAW AMENDMENT TO ACT 154 (86 p.a. 80):

Hazardous Materials:

It is the responsibility of the Contractor to provide the Purchasing Agent or applicable department head with the following information:

- Hazardous chemicals to which City employees may be exposed to while on the job site.
- Steps the Contractor has taken to lessen the risks.
- Measures that City employees may take to lessen the risks.
- Procedures to follow if City employees are exposed.

The Contractor must provide an inventory list of all hazardous materials used on the job site during the term of the contract. This list must be attached to the contract/bid proposal document.

This list shall include, but is not limited to:

Fuels, lubricants, pipe, pipe mastics, pipe lubricants, cements, and asphalt materials.

The successful bidder shall provide the City Purchasing Agent or applicable department head with Material Safety Data Sheets (MSDS's) for all hazardous materials to be used on the job site prior to the start of work.

2015 ST. MARYS & VALORIE STREET RECONSTRUCTION

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HAZARDOUS MATERIALS INVENTORY

Product	Company	Address



Engineering Department ~ City Hall ~ 333 West Ellsworth Street ~ Midland, Michigan 48640-5132 ~ 989-837-3348 ~ www.midland-mi.org

Date

2015 ST.MARYS & VALORIE STREET RECONST.

Contract Name

2
Contract #

Check	Soil Conditions
<input type="checkbox"/>	Compaction
<input type="checkbox"/>	Depth
<input type="checkbox"/>	Grading
<input type="checkbox"/>	Quality/Condition
<input type="checkbox"/>	Weeds/Debris

Contractor

has met the required Soil Conditions, as indicated above, and is

authorized to place Hydro Seed on

Location

Contractor's authorized representative's signature

Inspector's signature